

May 18, 1984  
SBN- 658  
T.F. Q2.2.2

United States Nuclear Regulatory Commission  
Region I  
631 Park Avenue  
King of Prussia, PA 19406

Attention: Mr. Richard W. Starostecki, Director  
Division of Project and Resident Programs

References: (a) Construction Permits CPPR-135 and CPPR-136, Docket  
Nos. 50-443 and 50-444  
(b) Telecon of April 19, 1984, A. L. Legendre (YAEC) to  
R. W. Borchardt (NRC Region I)

Subject: Interim 10CFR50.55(e) Report; Fisher Controls Valve Operator  
Bracket Welds

Dear Sir:

On April 19, 1984, we reported a potential 10CFR50.55(e) deficiency to  
Region I [Reference (b)] regarding weld deficiencies on Fisher Controls  
Company valve operator brackets.

It has been determined that this item is reportable under 10CFR50.55(e).  
The following information is being filed pursuant to the interim reporting  
provision of 10CFR50.55(e)(3).

A. Description of Deficiency

Numerous weld deficiencies were discovered on valve operator  
brackets for service water system valves (ASME III & ANSI B31.1)  
manufactured by Fisher Controls Company. The welds do not comply  
with the specification requirements of the American Welding Society  
(AWS) standards in regard to undercut, size, voids, fusion, and  
corner fill.

The brackets are mounted on butterfly valves for the service water  
system only. To date, seventy-two brackets have been determined to  
have weld deficiencies.

B. Analysis of Safety Implication

Failure of the bracket welds could affect the operability of the  
valves.

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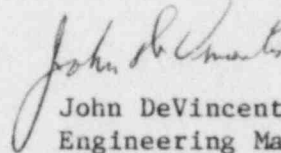
C. Corrective Action Taken

1. All Fisher Controls valve operator brackets are being inspected for weld deficiencies. Those brackets having weld deficiencies will be returned to Fisher Controls for repair. Repaired brackets will be inspected upon receipt.
2. United Engineers has instructed Fisher Controls on February 24, 1984 to reinstruct personnel on welding acceptance criteria.
3. A review of purchasing documents will be performed to identify any other Fisher Control product used on the Seabrook Project.

We estimate that all affected valve brackets will be repaired by June 1, 1984. Region 1 will be notified upon verification of completion of the corrective action.

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY



John DeVincentis  
Engineering Manager

cc: Atomic Safety and Licensing Board Service List

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